

ENGINE SPECIFICATIONS

	V6 Diesel	V8 Diesel	V8 Petrol	V8 Petrol S/C
Capacity	2 993 cm ³	4 367 cm ³	4 999 cm ³	4 999 cm ³
Firing order	1-4-2- 5-3-6	1-5-4-2- 6-3-7-8	1-5-4-2- 6-3-7-8	1-5-4-2- 6-3-7-8
Bore	84.0 mm	84.0 mm	92.5 mm	92.5 mm
Stroke	90.0 mm	98.5 mm	93.0 mm	93.0 mm
Number of cylinders	6	8	8	8
Compression ratio	16:1	16.1:1	11.5:1	9.5:1

LUBRICANTS AND FLUIDS

Part	Variant	Specification
Engine oil	V6 Diesel vehicles with DPF	SAE 5W-30 meeting specification WSS-M2C934B ACEA C1. If unavailable, oil meeting specification ACEA:C1 can be used.
	V6 Diesel vehicles without DPF	SAE 5W-30 meeting specification WSS-M2C913C ACEA C1. If unavailable, oil meeting specification ACEA:C1 can be used.
	V8 Diesel vehicles with DPF	SAE 5W-30 meeting specification WSS-M2C934B ACEA C1. If unavailable, oil meeting specification ACEA:C1 can be used.
	V8 Diesel vehicles without DPF	SAE 5W-30 meeting specification WSS-M2C913C ACEA C1. If unavailable, oil meeting specification ACEA:C1 can be used.
	V8 Petrol vehicles	SAE 5W-20 meeting specification WSS-M2C925-A only.
Transmission oil	All transmissions	Shell ATF L12108
Transfer gearbox oil	All vehicles	TL 7300 Shell TF 0753
Front differential oil	All vehicles	Castrol SAF-XO
Rear differential oil	Non-locking	Castrol SAF-XO
Rear differential oil	Electronic Locking	Castrol BOT 720
Dynamic response fluid	V8 Diesel and V8 Petrol S/C	Texaco Cold Climate PAS fluid 33270

Part	Variant	Specification
Brake fluid	All vehicles	Shell DOT4 ESL. If unavailable, a low viscosity, synthetic compatible DOT4 brake fluid that meets ISO 4925 class 6 and Land Rover LRES22BF03 requirements may be used.
Screen washer	All vehicles	Screen wash with frost protection
Coolant	All vehicles	1:1 mixture of Havoline XLC antifreeze and water.

Land Rover recommends:

Castrol EDGE Professional

